

**LIST OF PRIOR ART
CITED BY APPLICANT**

(Use several sheets if necessary)



Atty. Docket No.
14766

Serial No.
09/967,184

Applicant
Heikki Heikkila, et al.

Filing Date
09/28/01

Group
Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (if appropriate)
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						

RECEIVED
APR 23 2002
TECH CENTER 1800/2900

		Foreign Document Number	Date	Country	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

TV abstract only	Derwent's abstract, Accession No. 2000-376948, week 0033, ABSTRACT OF CN, 1234404 (Univ Huadong Sci & Eng) 10 November 1999.
P abstract only	STN International, Accession No. 1982:541125, document no. 97.141125, Trusova, L.I. et al.: "Chromatographic determination of carbohydrates and ketonic acids in culture media"; TR.-Vses. Gos. Nauchno-Kontrol'n. Inst. Vet. Prep., 29-30, 114-21 (Russian) 1980

EXAMINER

DATE CONSIDERED

3/25/03


* **EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	Method for Recovering Products
-------------------------------	--------------------------------

Application Number : 09/967184 

Confirmation Number: 5971

First Named Applicant: Heikki Heikkila

Attorney Docket Number: 1427.0120000

Art Unit: 1623

Examiner: Traviss C. McIntosh III.

Search string: (6419828 or 5407817 or 5571703 or 5779164 or 5975439 or 6267309 or 5506123 or 5968362 or 6391204 or 5407580 or 5538637 or 5820687 or 5726046).pn

Certification: This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
<input checked="" type="checkbox"/>	1	6419828	2002-07-16	Russo, Jr.			
<input checked="" type="checkbox"/>	2	5407817	1995-04-18	Lightsey et al.			
<input checked="" type="checkbox"/>	3	5571703	1996-11-05	Chieffalo et al.			
<input checked="" type="checkbox"/>	4	5779164	1998-07-14	Chieffalo et al.			
<input checked="" type="checkbox"/>	5	5975439	1999-11-02	Chieffalo et al.			
<input checked="" type="checkbox"/>	6	6267309	2001-07-31	Chieffalo et al.			
<input checked="" type="checkbox"/>	7	5506123	1996-04-09	Chieffalo et al.			
<input checked="" type="checkbox"/>	8	5968362	1999-10-19	Russo, Jr.			
<input checked="" type="checkbox"/>	9	6391204	2002-05-21	Russo, Jr.			
<input checked="" type="checkbox"/>	10	5407580	1995-04-18	Hester et al.			
<input checked="" type="checkbox"/>	11	5538637	1996-07-23	Hester et al.			
<input checked="" type="checkbox"/>	12	5820687	1998-10-13	Farone et al.			
<input checked="" type="checkbox"/>	13	5726046	1998-03-10	Farone et al.			

Signature

7/7/05

FORM PTO-1449

**THIRD SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT**

 ATTY. DOCKET NO.
1427.0120000/MAC/THN

 APPLICATION NO.
09/967,184

 APPLICANTS
Heikkilä *et al.*

 FILING DATE
September 28, 2001

 ART UNIT
1623

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AAI	4,631,129	12/23/1986	Heikkila	<u> </u>	<u> </u>	10/04/1985
	ABI	4,772,334	09/20/1988	Hatanaka <i>et al.</i>	<u> </u>	<u> </u>	07/18/1986
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	ALI	WO 96/27028	09/06/1996	WIPO	<u> </u>	<u> </u>	Yes No
	AMI	WO 97/49658	12/31/1997	WIPO	<u> </u>	<u> </u>	Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

JAN 23 2002

Docket Number (Optional)

14766

Application Number

09/967,184

Applicant(s)

Heikki Heikkila, et al.

Filing Date

September 28, 2001

Group Art Unit

Unassigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
(P)		5,998,607	12/7/99	Heikkila et al.			
(P)		2,684,331	7/20/54	Bauman			
(P)		2,911,362	11/3/59	Wheaton			
(P)		4,075,406	2/21/78	Melaja et al.			
(P)		4,358,322	11/9/82	Neuzil et al.			
(P)		5,084,104	1/28/92	Heikkila et al.			
(P)		4,880,919	11/14/89	Kulprathipanja			
(P)		4,816,078	3/28/89	Schiweck et al.			
(P)		4,664,718	5/12/87	Chang			

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
(P)		WO 99/57326	11/11/99	PCT			<input checked="" type="checkbox"/>	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

(P)		Blaschek, Wolfgang, Journal of Chromatography, 256 (1983) 157-163 "Complete separation and quantification of neutral sugars from plant cell walls and mucilages by high-performance liquid chromatography"
(P) abstract only		JP-A-9127090, Chemical Abstract 127:47442, dated November 2, 1995

EXAMINER

DATE CONSIDERED

3/25/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

JAN 23 2002

Docket Number (Optional)

14766

Application Number

09/967,184

Applicant(s)

Heikki Heikkila et al.

Filing Date

September 28, 2001

Group Art Unit

Unassigned

*EXAMINER
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

(P)

Finnish Patent Application No. 962,609 (corresponding to U.S.S.N. 08/880,382) (1997)

(P)

Samuelson, Olof, J. Methods Carbohy. Chem., 6 (1972) 65-75 "Partition Chromatography on Ion-Exchange Resins"

(P)

Takasaki, Yoshiyuki, Agr. Biol. Chem. 36 (1972) pp. 2575-77
"On the Separation of Sugars"

(P)

Lindberg, Bengt et al., Carbohyd. Res. 5 (1967) pp. 286-291 "Preparative Separations Of Sugars On Bisulphite Resins"

(P)

DE 3545107 [corresponding to U.S. Patent No. 4,772,334 (to Masayoshi et al.)] (1988)

(P)

Barker, S.A. et al., Carbohydrate Research, 26 (1973) 55-64 "The Use of Poly(4-vinylbenzeneboronic Acid) Resins in the Fractionation and Interconversion of Carbohydrates"

(P)

CA 1249812 [corresponding to U.S. Patent No. 4,631,129 (to Heikkila)] (1986)

(P)

Finnish Patent Application No. 97625 [corresponding to WO 96/27028] (1996)

EXAMINER

[Signature]

DATE CONSIDERED

3/25/03

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section.609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.